SEDIMENT BASINS

Sta 1025+90.68, 185.5' Lt, Horse Stamp Church Road: A Sediment Basin is not used at this location. The disturbed area within the dranage area is 1.18 Ac. The disturbance activities consist of grading associated with the construction of the proposed Horse Stamp Church Road. BMP's as shown on the erosion control plans will be adequate to control sediment runoff at this locaction. Land disturbance activities associated with constructing and removing a sediment basin at this location would cause additional adverse impacts.

Sta 700+60, 72' Rt, Spring Bluff Rd: A Sediment Basin is not used at this location. The disturbed area within the dranage area is 0.78 Ac. The disturbance activities consist of grading associated with the construction of the proposed Spring Bluff Road. BMP's as shown on the erosion control plans will be adequate to control sediment runoff at this locaction. Land disturbance activities associated with constructing and removing a sediment basin at this location would cause additional adverse impacts.

Sta 711+38, 72' Rt, Spring Bluff Rd: A Sediment Basin is not used at this location. The disturbed area within the dranage area is 3.79 Ac. The disturbance activities consist of grading associated with the construction of the proposed Spring Bluff Road. BMP's as shown on the erosion control plans will be adequate to control sediment runoff at this locaction. Land disturbance activities associated with constructing and removing a sediment basin at this location would cause additional adverse impacts

Sta 403+50, 64.2' Lt, Ramp D: A Sediment Basin is not used at this location. The disturbed area within the dranage area is 7.06 Ac. The disturbance activities consist of grading associated with the construction of the proposed Ramp D. BMP's as shown on the erosion control plans will be adequate to control sediment runoff at this locaction. Land disturbance activities associated with constructing and removing a sediment basin at this location would cause additional adverse impacts

Sta 301+09' 53.7' Lt, Ramp C: A Sediment Basin is not used at this location. The disturbed area within the dranage area is 7.19 Ac. The disturbance activities consist of grading associated with the construction of the proposed Ramp C. BMP's as shown on the erosion control plans will be adequate to control sediment runoff at this locaction. Land disturbance activities associated with constructing and removing a sediment basin at this location would cause additional adverse impacts

Sta 304+53, 41.15' Lt, Ramp C: A Sediment Basin is not used at this location. The disturbed area within the dranage area is 3.08 Ac. The disturbance activities consist of grading associated with the construction of the proposed Ramp C. BMP's as shown on the erosion control plans will be adequate to control sediment runoff at this locaction. Land disturbance activities associated with constructing and removing a sediment basin at this location would cause additional adverse impacts.

Sta 202+57, 41.15' Lt, Ramp B: A Sediment Basin is not used at this location. The disturbed area within the dranage area is 3.40 Ac. The disturbance activities consist of grading associated with the construction of the proposed Ramp B. BMP's as shown on the erosion control plans will be adequate to control sediment runoff at this locaction. Land disturbance activities associated with constructing and removing a sediment basin at this location would cause additional adverse impacts.

Sta 201+49, 31.8' Lt, Ramp B: A Sediment Basin is not used at this location. The disturbed area within the dranage area is 3.40 Ac. The disturbance activities consist of grading associated with the construction of the proposed Ramp B. BMP's as shown on the erosion control plans will be adequate to control sediment runoff at this locaction. Land disturbance activities associated with constructing and removing a sediment basin at this location would cause additional adverse impacts.

Sta 116+86, 54.9' Rt, Ramp A: A Sediment Basin is not used at this location. The disturbed area within the dranage area is 0.52 Ac. The disturbance activities consist of grading associated with the construction of the proposed Ramp A. BMP's as shown on the erosion control plans will be adequate to control sediment runoff at this locaction. Land disturbance activities associated with constructing and removing a sediment basin at this location would cause additional adverse impacts.

Sta 110+05, 43.2' Lt, Ramp A: A Sediment Basin is not used at this location. The disturbed area within the dranage area is 1.97 Ac. The disturbance activities consist of grading associated with the construction of the proposed Ramp A. BMP's as shown on the erosion control plans will be adequate to control sediment runoff at this locaction. Land disturbance activities associated with constructing and removing a sediment basin at this location would cause additional adverse impacts.

Sta 700+60, 72.0' Rt, Spring Bluff Road: A Sediment Basin is not used at this location. The disturbed area within the dranage area is 3.45 Ac. The disturbance activities consist of grading associated with the construction of the proposed Spring Bluff Road. BMP's as shown on the erosion control plans will be adequate to control sediment runoff at this locaction. Land disturbance activities associated with constructing and removing a sediment basin at this location would cause additional adverse impacts.

DISCHARGES INTO, OR WITHIN ONE LINEAR MILE UPSTREAM OF AND WITHIN THE SAME WATERSHED AS, ANY PORTION OF A BIOTA IMPAIRED STREAM SEGMENT

All outfalls are either located further than 1 linear mile upstream or outside of the watershed of an Impaired Stream Segment that has been listed for criteria violated, "Bio F" (Impaired Fish Community) and/or "Bio M" (Impaired Macro Invertebrate Community), within Category 4a, 4b or 5, and the potential cause is either "NP" (nonpoint source) or "UR" (urban runoff).

STREAM BUFFER ENCROACHMENT

Stream Buffers are not impacted by this project.

MONITORING GENERAL NOTES:

Representative sampling may be utilized on this project. The characteristics of the individual watersheds along the project corridor have been carefully evaluated and compared on the basis of drainage characteristics, watershed size, land disturbance and earth work. After evaluation of these items as presented in the projects drainage area maps, hydrology and hydraulic studies, construction plans and erosion sedimentation and pollution control plans, it has been determined that the increase in turbidity at the specified locations will be representative of the increase in turbidity for all waters leaving the site. Approved primary and alternate representative monitoring sites are identified in the table:

Monitoring site	Primary or Alternate Site	Location (Sta. and Side)	Name of Receiving water	Applicable construction stage for monitoring	Sampling Type (Outfall or Receiving Water)	Drainage Area
1.	Primary	STA 201+65 (49' RT)	White Oak Creek	ALL	Outfall	12.40 AC
2.	Alternate	STA 711+38.64 (32' LT)	White Oak Creek	ALL	Outfall	16.87 AC

Monitoring site	Primary or Alternate Site	Total Project Size	Disturbed Area	Warm or Cold water Stream	Appendix B NTU value (outfall Monitoring Only)	Allowable NTU Increase (For Receiving Water)	Location Description
1.	Primary	114.42 AC	2.0 AC	Warm	50	N/A	RAMP B
2.	Alternate	114.42 AC	2.0 AC	Warm	50	N/A	SPRING BLUFF RD

(According to the EPD, additional monitoring sites may be required depending on significant changes in typical sections).

The primary site specified should be used as the initial sampling location. The alternate sampling sites may be used if additional sampling is required and/or if the primary sampling site is no longer located within the active phase of construction.

MONITORING SAMPLING METHODS & PROCEDURES

See Special Provision 167 and other contract documents for Monitoring Sampling Methods and Procedures.

READY MIX CHUTE WASH-DOWN

The washing of ready-mix concrete drums and dump truck bodies used in the delivery of portland cement concrete is prohibited on this site. In accordance with standard Specification 107 - Legal Regulations and Responsibility to the Public, only the discharge "chute" utilized in portland cement concrete delivery may be rinsed free of fresh concrete remains. The Contractor shall excavate a pit outside of State water buffers, at least 25 feet from any storm drain and outside of the travel way, including shoulders, for a wash/pit area. The pit shall be large enough to store all wash-down water without overtopping the pit. Immediately After the wash-down operations are completed and after the wash-down water has soaked into the ground, the pit shall be filled in, and the ground above shall be graded to match the elevation of the surrounding areas smoothed out. Alternate wash down plans must be approved by the Project Engineer.

Wash-down plans describe procedures that prevent wash down water from entering streams and rivers. Never dispose of wash-down water down a stormdrain. Establish a wash-down water pit location that includes the following: (1) the pit is located away from a storm drain, stream or river, (2) the pit is accessible to the vehicle being used for wash-down, (3) the pit has enough volume for wash-down water, and (4) make sure you have permission to use the area for wash-down. On some sites, you may not have permission or access to a location which allows for a wash-down pit. In those cases, the Contractor may have to wash-down into a wheelbarrow or other container and carry the container for transport to a proper disposal site. For additional information, refer to the Georgia Small Business Environmental Assistance Program's "A Guide for Ready Mix Chute/Hopper Wash-down".

ALTERNATIVE BMPs

Alternative BMPs are not used on this project. Silt Gates are used on this project as additional BMPs at pipe inlets and are not being used in place of or as a substitute for other conventional BMPs. Temporary check dams are used in ditches to provide interim stabilization and flow velocity reduction. The stability of the site is maintained with other conventional BMPs as shown on the plans. This ESPCP would be fully compliant with permit requirements if the silt gates were removed and as a result are not considered alternative BMPs when used on this project. The silt gates help to prevent pipe clogging during construction that can result from the ingestion of sediments and other large debris like rip rap, sand bags, roadway debris and other construction materials that when combined with sediments easily clog roadway drainage pipes.

USE ON CONSTRUCTION

EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN GENERAL NOTES

Moreland Altobelli Associates, Inc.
2211 Beaver Ruin Road, Suite 190
Norcross, Georgia 30071
Telephone (770) 263-5945

REVISION DATES		
8/24/10		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: OFFICE OF PROGRAM DELIVERY

BMP GENERAL NOTES

I 95 / HORSE STAMP CHURCH ROAD INTERCHANGE

DRAWING No. 51-02

GPLN